

|   |                               |  |
|---|-------------------------------|--|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><i>(Only for new nonprovisional applications<br/>under 37 CFR 1.53(b))</i> | <b>Attorney Docket No.</b>    | <b>21401-96</b>                                |
|   | <b>First Inventor</b>         | <b>Jeffrey T. Ranney</b>                       |
|   | <b>Title</b>                  | <b>NANOFILTER SYSTEM AND METHOD OF<br/>USE</b> |
|   | <b>Express Mail Label No.</b> | <b>EV307546451US</b>                           |

19704 U.S. PTO  
10/660020  
09/11/03

|  |   |  |
|--|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i>  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br>Computer Program <i>(Appendix)</i>   |  |
| 2. <input checked="" type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.   | 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence<br>Submission <i>(if applicable, all necessary)</i>   |  |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 19_] <i>(preferred arrangement set forth below)</i><br>- Descriptive title of the Invention<br>- Cross Reference to Related Applications<br>- Statement Regarding Fed sponsored R & D<br>- Reference to sequence listing, a table,<br>or a computer program listing appendix<br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings <i>(if filed)</i><br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure | a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. <input type="checkbox"/> Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br>ii. <input type="checkbox"/> paper<br>c. <input type="checkbox"/> Statements verifying identity of above copies  |  |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 5_] <i>(if applicable)</i>   | <b>ACCOMPANYING APPLICATION PARTS</b>   |  |
| 5. <input checked="" type="checkbox"/> Oath or Declaration [Total Sheets 1_] <i>(if applicable)</i><br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br><i>(for a continuation/divisional with Box 18 completed)</i><br>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s) named in<br>the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).                                 | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of<br><i>(when there is an assignee)</i> Attorney<br>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i><br>12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS<br>Statement (IDS)/PTO-1449 Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>Should be specifically itemized)</i><br>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i><br>16. <input type="checkbox"/> Request and Certification under 35 U.S.C.<br>122(b)(2)(B)(i). Applicant must attach form<br>PTO/SB/35 or its equivalent.<br>17. <input checked="" type="checkbox"/> Other: <u>Check</u> |  |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76   |   |  |

18. If a CONTINUING APPLICATION OR APPLICATION CLAIMING FOREIGN PRIORITY, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) ☐ Claims priority from application No. \_\_\_\_\_

Prior application information Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

|   |                           |                                      |                    |
|---|---------------------------|--------------------------------------|--------------------|
| <input type="checkbox"/> Correspondence address below |                           | or:                                  |                    |
| Firm Name   | Davis Wright Tremaine LLP |                                      |                    |
| Address   |                           |                                      |                    |
| City, State, Zip                                      |                           |                                      |                    |
| Country   |                           |                                      |                    |
| Telephone   |                           | Fax                                  |                    |
| Name (Print/Type)                                     | Michael J. Donohue        | Registration No.<br>(Attorney/Agent) | 35,859             |
| Signature   | <i>Michael J. Donohue</i> | Date                                 | September 11, 2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

1406725\_1.DOC

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) **375**

## Complete If Known

Application Number \_\_\_\_\_  
 Filing Date **September 11, 2003**  
 First Named Inventor **Jeffrey T. Ranney**  
 Examiner Name \_\_\_\_\_  
 Group Art Unit \_\_\_\_\_  
 Attorney Docket No. **21401-96**

## METHOD OF PAYMENT

☐ Payment Enclosed:  
☐ Check ☐ Credit card ☐ Money Order ☐ Other

☒ Deposit Account:  
 Deposit Account Number **04-0258**  
 Deposit Account Name **Davis Wright Tremaine LLP**

The Commissioner is authorized to (check all that apply)  
☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any deficiencies to the above-identified deposit account.

☒ Applicant claims small entity status. See 37 CFR 1.27.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid        |
|--------------|----------|--------------|----------|------------------------|-----------------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |                 |
| 1001         | 750      | 2001         | 375      | Utility filing fee     | <b>375</b>      |
| 1002         | 330      | 2002         | 165      | Design filing fee      |                 |
| 1003         | 520      | 2003         | 260      | Plant filing fee       |                 |
| 1004         | 750      | 2004         | 375      | Reissue filing fee     |                 |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |                 |
| SUBTOTAL (1) |          |              |          |                        | <b>(\$ 375)</b> |

### 2. EXTRA CLAIM FEES

Total Claims **17** \*\* = **0** \* Fee from below = **0**  
 Independent Claims **2** \*\* = **0** \* Fee from below = **0**  
 Multiple Dependent \* Fee from below = **0**

| Large Entity |          | Small Entity |          | Fee Description  |               |
|--------------|----------|--------------|----------|--|---------------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |               |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |               |
| 1201         | 84       | 2201         | 42       | Independent claims in excess of 3                          |               |
| 1203         | 280      | 2203         | 140      | Multiple dependent claim, if not paid                      |               |
| 1204         | 84       | 2204         | 42       | ** Reissue independent claims over original patent         |               |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |               |
| SUBTOTAL (2) |          |              |          |  | <b>(\$ 0)</b> |

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity |          | Small    |          | Fee Description  | Fee Paid |
|--------------|----------|----------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code | Fee (\$) |  |          |
| 1051         | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052         | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053         | 130      | 1053     | 130      | Non-English specification  |          |
| 1812         | 2,520    | 1812     | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804         | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251     | 55       | Extension for reply within first month                                     |          |
| 1252         | 410      | 2252     | 205      | Extension for reply within second month                                    |          |
| 1253         | 930      | 2253     | 465      | Extension for reply within third month                                     |          |
| 1254         | 1,450    | 2254     | 725      | Extension for reply within fourth month                                    |          |
| 1255         | 1,970    | 2255     | 985      | Extension for reply within fifth month                                     |          |
| 1401         | 320      | 2401     | 160      | Notice of Appeal   |          |
| 1402         | 320      | 2402     | 160      | Filing a brief in support of an appeal                                     |          |
| 1403         | 280      | 2403     | 140      | Request for oral hearing   |          |
| 1451         | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,300    | 2453     | 650      | Petition to revive - unintentional   |          |
| 1501         | 1,300    | 2501     | 650      | Utility issue fee (or reissue)   |          |
| 1502         | 470      | 2502     | 235      | Design issue fee   |          |
| 1503         | 630      | 2503     | 315      | Plant issue fee  |          |
| 1460         | 130      | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807     | 50       | Petitions related to provisional applications                              |          |
| 1806         | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021         | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 750      | 2809     | 375      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810         | 750      | 2810     | 375      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801         | 750      | 2801     | 375      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$ )**

## SUBMITTED BY

|                   |                           |                                 |                           |   |
|-------------------|---------------------------|---------------------------------|---------------------------|---|
| Name (Print/Type) | <b>Michael J. Donohue</b> | Registration No. Attorney/Agent | <b>35,859</b>             | <b>22504</b><br>PATENT TRADEMARK OFFICE |
| Firm Name/Address |                           |                                 |                           |   |
| Signature         | <i>Michael J. Donohue</i> | Date                            | <b>September 11, 2003</b> |   |